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Information Disclosure Citation

Attorney Docket 13025E - DIV	Application No.
Applicant Wegeng et al.	
Filing Date	Group Art Unit

U.S. Patent Documents

Examiner Initial		Patent Number	Date	Name	Class	Sub-Class	Filing Date
JL	AA	6,508,862	1/2003	Tonkovich et al.	95	106	4/30/01
JL	AB	5,811,062	9/1998	Wegeng et al.	422	129	
JL	AC	6,488,838	12/2002	Tonkovich et al.	208	108	4/17/1999
JL	AD	5,948,142	9/1999	Holmes et al.	95	99	
JL	AE	5,802,870	9/1998	Arnold et al.	62	480	
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Foreign Patent Documents

		Document Number	Date	Country	Class	Sub-Class	Trans-lation
JL	AH	DE 3509564A1	9/1986	Germany	F24	J3/00	No
	AI	JP 2001085040	3/30/2001	Japan	H01M	8/06	Abstract
	AJ	JP 021703690	7/1998	Japan	H01M	8/06	Abstract
	AK	JP 611076680	5/1984	Japan	H01M	8/04	Abstract
	AL	JP 2001035518	2/9/2001	Japan	H01M	8/04	Abstract
JL	AM	JP 2000351604	12/19/2000	Japan	H01M	8/06	Abstract
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JL	AQ	PCT Search Report, mailed Jan 8, 2003, PCT/US 02/13722
	AR	
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Examiner <i>Jahne</i>	Date Considered <i>5-16-05</i>
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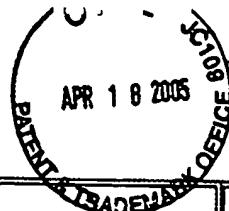
Form PTO-1449		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE			DOCKET NO.: 13025-E-DIV		SERIAL NO.:	
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U.S. PATENT DOCUMENTS								
*Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate	
<i>M</i>	A	5,674,301	10/07/1997	Sakai et al.	48	61		
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							Yes	No
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M	B	4,281,969	08/04/1981	Doub, Jr.	417	52	
M	C	4,779,428	10/25/1988	Chan et al.	62	467	
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M	F	WO 00/45940	08/10/2000	PCT	53	22	Yes X
M	G	0 976 679	02/02/2000	EP	3	53	No X
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M	I	X Feng et al., "Hollow-Fiber-Based Adsorbers for Gas Separation by Pressure-Swing Adsorption". pg. 1555-1562. 1998.					
M	J	JA Jones et al., "Design, Life Testing, and Future Designs of Cryogenic Hydride Refrigeration Systems". pg. 1-23. No date.					
M	K	K Karperos, "Operating Characteristics of a Hydrogen Sorption Refrigerator Part I: Experiment Design and Results". pg. 1-15.					
M	L	AV Tonkovich et al., "Apparatus and Methods for Hydrogen Separation/Purification Utilizing Rapidly Cycled Thermal Swing Sorption". pg. 1-51. 2001					
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M	O	WJ Thomas et al., "Adsorption Technology and Design", pg. 108-119, 220-227. 1998.					
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Attorney Docket 13025E-DIV	Application No. 10/609,501
Applicant Wegeng et al.	
Filing Date Jun 30, 2003	Group Art Unit 1724

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fc	AA	5,611,214	03/ 1997	Wegeng et al.	62	498	
	AB	6,814,781	11/ 2004	Tonkovich et al.	95	90	
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Examiner

Frank J. Furrer

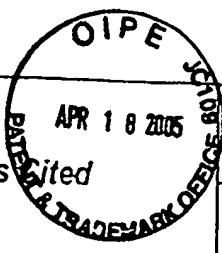
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C	US-4,444,727	04-1984	Yanagihara et al.	422/223
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T					

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Include as applicable: Author, Title Date, Publisher, Edition or Volume, Pertinent Pages).

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*A copy of this reference is not being furnished with this Office action. (See MPEP § 707.05(a).)
Dates in MM-YYYY format are publication dates. Classifications may be US or foreign.

U.S. Patent and Trademark Office
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Trish Gove

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